FINAL QUALIFICATION AS
EMERGENCY TUG ENGINEER

NAME: _____

This page is to be used as a record of satisfactory completion of the Job Qualification Requirements (JQR) for the above watch station. Only specified qualifiers may signify completion of applicable sections either by written or oral examination, or by observation of performance. Should qualifiers "give away" their signatures, unnecessary difficulties can be expected in future operations.

This JQR Card is to be maintained by the Trainee and reviewed periodically to ensure awareness of progress. Upon completion of this JQR Card, it is to be filed in Trainee's Training Record.

Trainee has been indoctrinated in the JQR and has been assigned a target completion date of: _____.

Signature: _____ Date: _____

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FINAL QUALIFICATION

Having observed satisfactory performance, it is recommended the trainee be designated a qualified EMERGENCY TUG ENGINEER.

RECOMMENDED _____DATE_____
(Contractor Tug Engineer #1)

RECOMMENDED _____DATE_____
(Contractor Tug Engineer #2)

RECOMMENDED _____DATE_____
(Tug Master #1)

RECOMMENDED _____DATE_____
(Tug Master #2)

QUALIFIED _____DATE_____
(Port Services Officer)

WATCHSTATION – EMERGENCY TUG ENGINEER

Estimated completion time: six months

PREREQUISITES

U.S. Coast Guard Merchant Marine Document (Z-card)

TASKS

a. Prior to final sign off for this watch station, you must complete:

(1) Line up, operate, and secure tug's diesel engines

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(2) Check oil levels in P/S Z-drives

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(3) Check oil levels in P/S main engines

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(4) Check oil levels in P/S hydraulic tanks

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(5) Check oil levels in P/S main engine governors

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(6) Check oil levels in FWD/AFT generator engines

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

{7) Drain water traps on air receivers

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(8) Drain water traps on compressors

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(9) Start forward generator

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(10) Check jacket water expansion tanks on main engines

Completed _____ DATE_____

(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(11) Pump bilges

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(12) Firemain system

(a) Line up system

(b) Light off system

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(13) Hydraulic system

(a) Line up system

(b) Light off system

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(14) Z-Drive System

(a) Line up system

(b) Light off system

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(15) Main Engines

(a) Line up system

(b) Light off system

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(16) Fuel System

(a) Line up system

(b) Light off system

(c) Transfer fuel

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(17) Ballast system

(a) Line up system

(b) Light off system

(c) Transfer ballast

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(18) Personnel Transfer

(a) Light off Crane

(b) Shift brow over to sub/pier

(c) Light off hydraulics

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(19) Sanitary

(a) Line up system to the pier

(b) Line up system for overboard discharge

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

(20) Shore power

(a) Line up for disconnect from shore power bunker

(b) Lineup for connect to shore power bunker

Completed _____ DATE_____
(Contractor Tug Engineer #1)

Completed _____ DATE_____
(Contractor Tug Engineer #2)

Complete 10 satisfactory watches under qualified supervision

Signature of qualified supervisor Tug #1	**Date Completed**
1.	

2.	
3.	
4.	
5.	
Signature of qualified supervisor Tug #2	**Date Completed**
1.	
2.	
3.	
4.	
5.	